

INTERNATIONAL SEARCH REPORT

International application No.
PCT/SE 2005/000144

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H04L 29/00, H04L 12/00, H04Q 7/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 20020141391 A1 (RAYMOND T. HSU), 3 October 2002 (03.10.2002), [2],[20],[25-26],[36],[43-53] --	1-21
X	US 20030134651 A1 (RAYMOND T. HSU), 17 July 2003 (17.07.2003), [33-37],[68-76] --	1-21
Y	US 20030145064 A1 (RAYMOND T. HSU ET AL), 31 July 2003 (31.07.2003), [15-17],[21],[36-37], [41],[46],[49],[60] --	1-21
Y	WO 03030453 A2 (QUALCOMM INCORPORATED), 10 April 2003 (10.04.2003), [1028],[1030-1033], [1058]-[1091] --	1-21

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

27 May 2005

Date of mailing of the international search report

31-05-2005

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P	US 20040179689 A1 (MARK MAGGENTI ET AL), 16 Sept 2004 (16.09.2004) --- -----	1-21

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Int. application No.
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US	20020141391	A1	03/10/2002	BR	0208496	A	19/10/2004
				CA	2442622	A	10/10/2002
				EP	1382177	A	21/01/2004
				MX	PA03008880	A	24/05/2004
				TW	571535	B	00/00/0000
				US	6707801	B	16/03/2004
				WO	02080489	A	10/10/2002
				BR	0208735	A	13/07/2004
				CA	2442378	A	10/10/2002
				CA	2442383	A	10/10/2002
				CA	2442503	A	10/10/2002
				CA	2442625	A	10/10/2002
				CA	2442641	A	10/10/2002
				CA	2442650	A	10/10/2002
				CA	2442655	A	10/10/2002
				CA	2442656	A	10/10/2002
				CN	1507730	A	23/06/2004
				CN	1511387	A	07/07/2004
				EP	1374440	A	02/01/2004
				EP	1374477	A	02/01/2004
				EP	1374483	A	02/01/2004
				EP	1374506	A	02/01/2004
				EP	1374528	A	02/01/2004
				EP	1374529	A	02/01/2004
				EP	1378145	A	07/01/2004
				EP	1382178	A	21/01/2004
				EP	1389386	A	18/02/2004
				IL	158130	D	00/00/0000
				IL	158161	D	00/00/0000
				IL	158162	D	00/00/0000
				IL	158164	D	00/00/0000
				JP	2004531937	T	14/10/2004
				JP	2004532554	T	21/10/2004
				JP	2004533152	T	28/10/2004
				JP	2004533746	T	04/11/2004
				JP	2004535698	T	25/11/2004
				MX	PA03008871	A	24/05/2004
				MX	PA03008872	A	24/05/2004
				MX	PA03008876	A	24/05/2004
				MX	PA03008878	A	24/05/2004
				MX	PA03008881	A	24/05/2004
				NO	20034316	A	10/11/2003
				NO	20034339	A	21/11/2003
				NO	20034340	A	10/11/2003
				NO	20034341	A	21/11/2003
				TW	550926	B	00/00/0000
				TW	569579	B	00/00/0000
				TW	571596	B	00/00/0000
				TW	577204	B	00/00/0000
				TW	579629	B	00/00/0000
				TW	579630	B	00/00/0000
				TW	591961	B	11/06/2004
				US	20020141365	A	03/10/2002
				US	20020141371	A	03/10/2002
				US	20020141447	A	03/10/2002

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US	20020141391	A1	03/10/2002	US	20020141591	A	03/10/2002
				US	20020142730	A	03/10/2002
				US	20020142757	A	03/10/2002
				US	20020181423	A	05/12/2002
				US	20030134655	A	17/07/2003
				US	20030228861	A	11/12/2003
				WO	02080401	A	10/10/2002
				WO	02080449	A	10/10/2002
				WO	02080454	A	10/10/2002
				WO	02080488	A	10/10/2002
				WO	02080490	A	10/10/2002
				WO	02080588	A	10/10/2002
				WO	02080589	A	10/10/2002
				WO	02080590	A	10/10/2002
				WO	02080609	A	10/10/2002
-----				-----			
US	20030134651	A1	17/07/2003	EP	1466440	A	13/10/2004
				WO	03063417	A	31/07/2003
-----				-----			
US	20030145064	A1	31/07/2003	CA	2474267	A	07/08/2003
				EP	1470687	A	27/10/2004
				WO	03065646	A	07/08/2003
-----				-----			
WO	03030453	A2	10/04/2003	CA	2462526	A	10/04/2003
				EP	1435150	A	07/07/2004
				EP	1435151	A	07/07/2004
				IL	161128	D	00/00/0000
				US	20030063591	A	03/04/2003
				WO	03030460	A	10/04/2003
				US	20030087653	A	08/05/2003
-----				-----			
US	20040179689	A1	16/09/2004	US	20020055366	A	09/05/2002
				AU	4000501	A	17/09/2001
				BR	0108901	A	07/01/2003
				CA	2401106	A	13/09/2001
				CN	1428058	A, T	02/07/2003
				EP	1260108	A	27/11/2002
				JP	2003526275	T	02/09/2003
				TW	563305	B	00/00/0000
				US	20020037735	A	28/03/2002
				US	20020052214	A	02/05/2002
				US	20020058523	A	16/05/2002
				US	20020061759	A	23/05/2002
				US	20020061760	A	23/05/2002
				US	20020061761	A	23/05/2002
				US	20020061762	A	23/05/2002
				US	20020068595	A	06/06/2002
				US	20020077136	A	20/06/2002
				US	20020086665	A	04/07/2002
				US	20020094831	A	18/07/2002
				WO	0167674	A	13/09/2001